

Project	Quantity	Item #
Model Specified:		CSI Section 11400

Air Curtain Refrigerator Models/ Self-Contained



Full Length Door Model
RAC37-FHS



Half Length Door Model
RAC37-HHS

One Section Reach-In Model



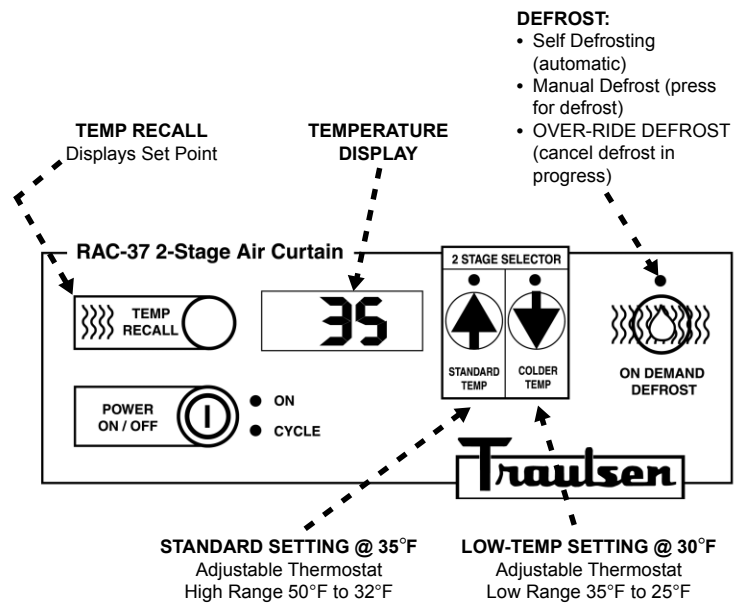
Full Length Door Model RAC37-FHS
Half Length Door Model RAC37-HHS

The Reach-In Air-Curtain model was designed for institutional use, allowing the door to be kept open during tray make-up. The unit will maintain an interior temperature of 45° or less for a minimum of 60-minutes while the door is open. In addition, it was specifically designed to be mobile. To facilitate this, casters are supplied standard, as are stainless steel side hand grips and a tubular rear mounted handle. The refrigeration system is located at the bottom in order to provide greater stability during movement. This model now includes a standard "2-Stage" thermostat which allows products such as milk and juices to be pre-chilled for prolonged tray delivery times.

Standard Features

- Stainless Steel Exterior & Interior
- Ten Pairs Of Tray Slides For 18" x 26" Pans
- Multi-Fan 3-D Air Screen System
- Electronic Control With Two Operating Modes:
1- Refrigerator (32°F to 50°F, Preset at 35°F)
2- Refrigerator Lo-Temp (25°F to 35°F, Preset at 30°F)
- Automatic Defrost, An On Demand Defrost Cycle, And A Defrost Override Feature
- Digital Thermometer Sensor
- Full Perimeter Bumper
- Full Length Stainless Steel Door (FHS model)
- Vertical Door Handle
- Flush Hand Grips
- Rear Mounted Tubular Handle
- Set of Four (4) 6" High Heavy Duty Casters With Stress Pads
- 8' Cord & Plug Attached
- One Piece Louver Assembly
- Automatic Condensate Evaporator
- Magnetic Door Gaskets
- 1 Year Parts & Labor Warranty
- 5 Year Compressor Warranty

Easy To Use Control Features



Options & Accessories

- Half Length Doors (HHS model)
- Cylinder Door Locks
- Optional Left-Hand Door Hinging
- Two Year Service/Labor Warranty Available



Listed by Underwriters Laboratories Inc., to U.S. and Canadian safety standards and Listed by NSF International in accordance with ANSI/NSF 7.

Approval: _____



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SECTION
7-1

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Specifications

Construction, Hardware and Insulation

Cabinet exterior, including front, one piece sides, louver assembly and door(s) are constructed of heavy gauge stainless steel. Cabinet interior and door liners are constructed of stainless steel with #3 and 2-B finish. Exterior cabinet top, back and bottom are constructed of 18 & 20 gauge stainless steel with #3 finish. A set of four (4) 6" high heavy duty poly casters with stress pads are included, two fixed and two swivel with brake.

Doors are equipped with 12 gauge stainless steel .320 diameter pin hinges. Door opens to 270 degrees and is provided with a "door hold open" latch to allow for easy loading and unloading of product. A full length vertical door handle is included for ease of use.

Vinyl magnetic door gasket assures tight door seal. Door contains high density, non-CFC, polyurethane insulation.

DIMENSIONAL DATA	RAC37
Width - Overall in. (including bumper)	32 $\frac{1}{4}$ (81.9 cm)
Depth - Overall in. (including bumper)	39 (99.1 cm)
Height - Overall on 6" Casters in.	79 $\frac{1}{4}$ (201.3 cm)
Depth - Cabinet only in.	32 $\frac{5}{8}$ (82.9 cm)
Depth - Cabinet only including door in.	36 $\frac{1}{4}$ (92.1 cm)
Width - Cabinet only in.	28 $\frac{5}{8}$ (72.7 cm)
Clear full door height in.	43 $\frac{3}{4}$ (111.1 cm)
Clear door width in.	18 $\frac{3}{8}$ (46.7 cm)
Net Weight - uncrated lbs.	410 (190 kg)
ELECTRICAL DATA	
Voltage	120/60/1
Feed Wires (8' cord & plug with ground)	3
Wattage	1668
Full Load Amperes (running)	14.3
HP	$\frac{1}{2}$ HP
REFRIGERATION DATA	
Refrigerant	R-404A
Oil Specifications	Polyol Ester Oil
CAPACITY	
Max 10 each of 18" x 26" or 12" x 20" pans at 4 $\frac{1}{2}$ " spacings	

Note: Figures in parentheses reflect metric equivalents

Refrigeration System

A bottom mounted, self-contained, balanced refrigeration system using R-404A refrigerant is conveniently located behind two, one piece louver assemblies. A high humidity evaporator coil is located out of the food zone.

Air Curtain

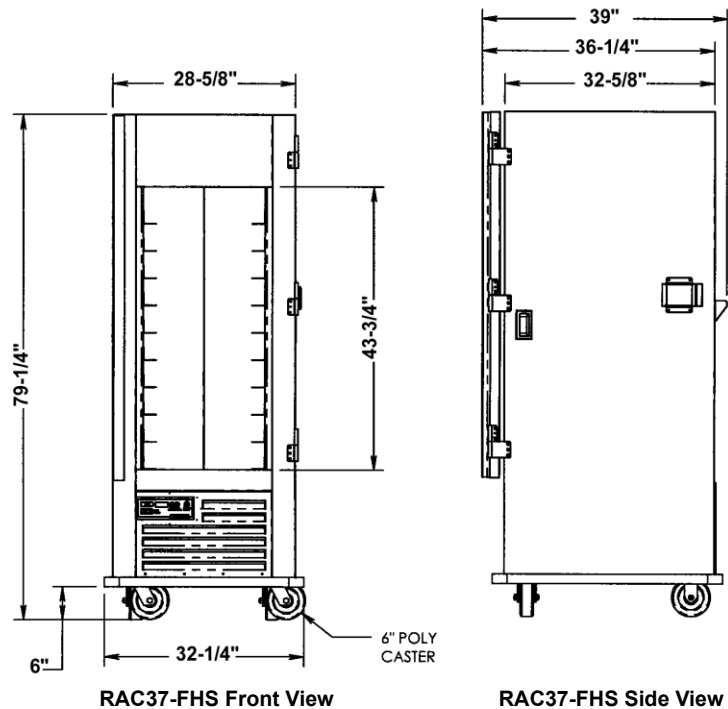
Air circulating fans and forced convection system cooling coil are ceiling mounted. With the door opened, a curtain of air is created producing a unique circulation pattern within the food zone, allowing the unit to maintain a 45°F or lower interior temperature for 45 minutes based on ambient temp of 70°F/45% RH/120V. When the door is closed, interior air-flow pattern design prevents hot pockets and cool spots within the cabinet. Pull down time to 35°F is achieved in approximately 17 minutes. An automatic defrost cycle or the use of the "On-Demand Defrost" allows the operator to defrost the coils of ice that may accumulate while the door is left open. The operator may over-ride defrost in progress.

Interior

Ten (10) pairs of removable tray slides each accommodate one 18" x 26" pan at 4 $\frac{1}{2}$ " spacings.

Warranties

The standard warranty includes a five year compressor warranty and a one year parts and labor warranty on all components and the cabinet. Additional warranties are available at extra cost.



Equipped With One NEMA 5-20P Plug

Full load amps and plug style may vary depending on electrical options chosen and condensing unit employed.

NOTE: When ordering please specify: Voltage, Hinging, Door Size, Options and any additional warranties. For fast order entry: Fax 1 (800) 765-8728.

Continued product development may necessitate specification changes without notice.
Part No. TR35803 (revised 1/07)